Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 19 Dec 2020 until 23:59 on Sunday 20 Dec 2020

Forecast Issued on Saturday 19 Dec 2020 at 04:22

Confidence: High confidence in general outline of the forecast for the beginning of the period some uncertainty by the middle of next week in the synoptic pattern.

Headline for Saturday 19 Dec 2020: A showery day with strong southwesterly winds, with gales on the tops.

Mountain weather hazards on Saturday 19 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy rain showers	Heavy rain showers	Heavy rain showers	Heavy rain showers (night)	Heavy rain showers (night)
Precipitation probability					
40%	60%	60%	60%	80%	80%

Forecast for Saturday 19 Dec 2020

Weather: Bands of blustery showers will push across the Yorkshire Dales today, some showers may group together to give longer periods of rain. Some of the showers will be heavy with the risk of hail and thunder at times. There will be occasional brighter or sunny intervals in-between the shower bands, also clear spells.

Chance of cloud free mountain/hill tops above 600m: 50%, as scattered cloud will shroud the hill tops at times especially during heavier showers but this cloud cover will be temporary, except on some of the peaks across the west of the Yorkshire Dales where cloud may linger for much of the day around 500m.

Visibility: Visibility will be good or very good outside of the showers, decreasing moderate or poor at times with the showers, and very poor with any hill fog.

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Forecast for Saturday 19 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/27 S	23/31 S	26/36 S	25/35 S	25/36 SW	25/37 S	25/37 SW
300	10/22 S	13/27 S	15/30 S	15/31 S	15/32 S	15/32 S	16/33 S
Valley	10/25 S	11/28 S	15/33 S	13/29 S	13/30 S	13/29 S	13/29 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/0	5/-0	5/-1	4/-2	3/-3	3/-4	3/-4
300	7/4	7/4	7/3	6/2	5/1	5/1	5/1
Valley	9/6	8/5	9/5	8/4	7/3	6/3	6/3
Freezing Level*	1300m	1200m	1100m	1100m	1100m	1100m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong winds, with gales over the highest ground and exposed ridges, especially near heavy showers. Note the freezing level lowering during today, helping to make it feel colder.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 19 Dec 2020	10.8mm	20mm	28mm

Forecast for Sunday 20 Dec 2020

Weather: Scattered blustery showers will push across the Yorkshire Dales some showers heavy, with the risk of hail and thunder at times, especially overnight and through the morning. The showers may also fall as sleet over the highest ground. There will be occasional brighter or sunny intervals in-between the shower bands, also clear spells. Becoming largely dry with clear periods through the evening.

Maximum wind: Southwesterly 35-40mph gusts 50 mph at first, then slowly easing a little.

Chance of cloud free mountain/hill tops above 600m: 60%, as scattered cloud will shroud the hill tops at times especially during heavier showers but this cloud cover will be temporary. Becoming generally 90% through the evening.

Visibility: Visibility will be good or very good outside of the showers, decreasing moderate or poor at times with the showers, and very poor with any hill fog.

Temperature: **Valleys:** Plus 2 increasing 7 Celsius
At 600m: Plus 2 Celsius.
Freezing level: 900m

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